





Energy Micro (Silicon Labs)




EFM8BB31F64I-B-5QFN32

Part Number:	EFM8BB31F64I-B-5QFN32
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	EFM8 8051 8-BIT MCU INDUSTRIAL G
Datasheets:	 <a href="#">EFM8BB31F64I-B-5QFN32.pdf</a>
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of EFM8BB31F64I-B-5QFN32

PART NUMBER	EFM8BB31F64I-B-5QFN32
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	EFM8 8051 8-BIT MCU INDUSTRIAL G
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">EFM8BB31F64I-B-5QFN32.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	50MHz
SERIES	Busy Bee
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	32-WFQFN Exposed Pad
OTHER NAMES	336-4076
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	29
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CIP-51 8051 Busy Bee Microcontroller IC 8-Bit 50MHz 64KB (64K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 20x12b, D/A 4x12b
CORE SIZE	8-Bit
CORE PROCESSOR	CIP-51 8051
CONNECTIVITY	I <sup>2</sup> C, SMBus, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM8BB31F64I-B-5QFN32	EFM8BB31F64I-B-5QFN32 Distributor	EFM8BB31F64I-B-5QFN32 Supplier
EFM8BB31F64I-B-5QFN32 Price	EFM8BB31F64I-B-5QFN32 Pictures	EFM8BB31F64I-B-5QFN32 Image
EFM8BB31F64I-B-5QFN32 PDF Datasheet	EFM8BB31F64I-B-5QFN32 Download Datasheet	EFM8BB31F64I-B-5QFN32 Datasheet
EFM8BB31F64I-B-5QFN32 Stock	Buy EFM8BB31F64I-B-5QFN32	Buy Energy Micro (Silicon Labs) EFM8BB31F64I-B-5QFN32
Energy Micro (Silicon Labs) EFM8BB31F64I-B-5QFN32	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 <div><b>EFM8BB31F64I-B-4QFN24R</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: Out stock RFQ</div>	 <div><b>EFM8BB31F64G-B-QSOP24R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QSOP In stock: Out stock RFQ</div>
 <div><b>EFM8BB31F64I-B-QFN24</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: 95 pcs RFQ</div>	 <div><b>EFM8BB31F64G-B-QFP32R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: Out stock RFQ</div>
 <div><b>EFM8BB31F64I-B-5QFN32R</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: Out stock RFQ</div>	 <div><b>EFM8BB31F64I-B-4QFN24</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU AEC-Q100, AU In stock: 30 pcs RFQ</div>
 <div><b>EFM8BB31F64I-B-QFP32</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: 771 pcs RFQ</div>	 <div><b>EFM8BB31F64G-B-QFP32</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: 154 pcs RFQ</div>
 <div><b>EFM8BB31F64I-B-QFN32</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: 151 pcs RFQ</div>	 <div><b>EFM8BB31F64I-B-QFN24R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: Out stock RFQ</div>
 <div><b>EFM8BB31F64I-B-QFN32R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: Out stock RFQ</div>	 <div><b>EFM8BB31F64G-B-QSOP24</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QSOP In stock: 168 pcs RFQ</div>